

CLAIMS

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Claim 1. A universal mount luminaire, comprising:

a housing, said housing having an illumination source located therein;

5 a support arm affixed to said housing, said support arm having a mounting plate and an integral davit arm aperture.

Claim 2. The universal mount luminaire of claim 1 wherein said support arm further has a clamp bracket for securely affixing said support arm to a light pole inserted through said davit arm aperture.

10 Claim 3. The universal mount luminaire of claim 2 further comprising a leveling bracket extending along an upper surface of said support arm and opposing said clamp bracket.

Claim 4. The universal mount luminaire of claim 3 wherein said leveling bracket further comprises a leveling bolt extending through said leveling bracket and threadably received into said support arm.

15 Claim 5. The universal mount luminaire of claim 1 wherein said mounting plate is located on a distal end of said support arm opposite said housing.

Claim 6. The universal mount luminaire of claim 5 wherein said mounting plate has a curved surface and at least one bolt aperture extending therethrough, said at least one bolt aperture receiving a mounting bolt therethrough.

20 Claim 7. The universal mount luminaire of claim 1 wherein said support arm further has a removeably attached cover plate.

Claim 8. The universal mount luminaire of claim 1 wherein said support arm has in the interior thereof a curvilinear clamp bracket, and further wherein said support arm has at least one clamp bolt extending through said clamp bracket for securely affixing said clamp bracket to said support arm, further said support arm having a leveling bracket extending longitudinally therethrough, said leveling bracket further having a leveling bolt extending through said leveling bracket.

Claim 9. The universal mount luminaire of claim 1 further comprising a leveling mechanism within said support arm.

Claim 10. A wide area illumination lighting fixture, comprising:

a light fixture housing and a support arm, said support arm having a vertical mounting plate, said support arm further having a clamp bracket, said clamp bracket affixed to said support arm.

Claim 11. The wide area illumination lighting fixture of claim 10 wherein said support arm further has a davit arm aperture formed in said vertical mounting plate.

Claim 12. The wide area illumination lighting fixture of claim 10 wherein said support arm has a leveling bracket extending longitudinally therethrough.

Claim 13. The wide area illumination lighting fixture of claim 12 wherein said leveling bracket receives a leveling bolt, said leveling bolt threadably received into said support arm.

Claim 14. The wide area illumination lighting fixture of claim 10 wherein said vertical mounting plate is formed at a distal end of said support arm opposite said light fixture housing, said vertical mounting plate having at least one bolt receiving aperture extending therethrough and having an outward curved face.

Claim 15. The wide area illumination lighting fixture of claim 10 further comprising a leveling mechanism in said support arm, said leveling mechanism designed to compress against a davit arm extending longitudinally into said support arm.

Claim 16. The wide area illumination lighting fixture of claim 10 wherein said vertical mounting plate has an outwardly facing curvilinear mounting face.

Claim 17. A universal mount luminaire, comprising:

a fixture housing, a lamp within said fixture housing, and a lens affixed to said housing;

means for mounting said luminaire to a pole extending on a vertical axis;

means for mounting said luminaire to a pole extending along a horizontal axis;

a leveling mechanism within said luminaire.

Claim 18. A universal mount luminaire, comprising:

a luminaire housing, a lamp within said luminaire housing;

a support mount adapted to receive and securely affix a davit arm therein;

a support plate mountable on a vertical lighting support pole.

Claim 19. The universal mount luminaire of claim 18 wherein said support mount further has a clamp bracket affixed to said support mount and a leveling mechanism.

Claim 20. The universal mount luminaire of claim 19 wherein said leveling mechanism is a leveling bracket extending along a portion of the interior of said support mount and is adjustable therein.

Claim 21. The universal mount luminaire of claim 20 wherein said leveling bracket is securely affixed at a first end to said support mount and is movably adjustable at a second opposite distal end.

Claim 22. The universal mount luminaire of claim 21 wherein said leveling bracket has an aperture at said second end which receives a leveling bolt, said leveling bolt threadably received within said support mount.

Claim 23. The universal mount luminaire of claim 18 wherein said support plate is curved.